5/2/84
A2575-1

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 65 For Week Ended May 4, 1984 NO. 18

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending: 05/04/84	Last Week Ending: 04/27/84	Last Year Week Ending: 05/06/83	Change From Last Week	Change From Last Year
Refinery Operations					
Input to crude oil distillation units *	11,869	12,461	11,955	-592	-86
Operable capacity	16,270	16,270	16,854	0	-584
Percent operated	73.0	76.6	70.9		
Motor Gasoline					
Total motor gasoline production	6,562	6,905	6,305	-343	257
Finished leaded motor gasoline production	2,671	2,842	2,718	-171	-47
Finished unleaded motor gasoline production	3,891	4,063	3,587	-172	304
Total motor gasoline stocks	250,081	250,203	227,469	-122	22,612
Finished leaded motor gasoline stocks	101,549	101,190	91,783	359	9,766
Finished unleaded motor gasoline stocks	106,874	107,153	94,973	-279	11,901
Distillate Fuel Oil					
Distillate fuel oil production	2,279	2,413	2,340	-134	-61
Distillate fuel oil stocks	99,770	101,244	106,906	-1,474	-7,136
Residual Fuel Oil					
Residual fuel oil production	800	861	1,126	-61	-326
Residual fuel oil stocks	45,868	45,438	45,637	430	231
Imports					
Crude oil imports	3,259	3,598	2,921	-339	338
Product imports	1,636	2,045	1,663	-409	-27
Crude Oil Stocks					
Crude oil stocks	347,833	341,225	357,846	6,608	-10,013

*Scheduled and unscheduled shutdowns caused decreases of 286,000 bbl. per day in the Texas Gulf Coast District and 83,000 bbl. per day in District 5 (West Coast).

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 289-6949

NA-Not Available

American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 65 For Week Ended May 4, 1984 NO. 18

U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	833	696	731	1,229	59.5
Appal. No. 1	104	98	99	177	55.9
DISTRICT 1 TOTAL	937	794	830	1,406	59.0
Appal. No. 2	65	59	63	66	95.5
Ind., Ill., Ky.	1,868	1,745	1,766	2,356	75.0
Minn., Wis., Daks.	259	245	255	296	86.1
Okla., Kans., Mo.	697	624	613	777	78.9
DISTRICT 2 TOTAL	2,889	2,673	2,697	3,495	77.2
Inland Texas	506	486	506	585	86.5
Texas Gulf Coast	2,980	2,643	2,735	3,907	70.0
La. Gulf Coast	2,228	2,139	2,152	2,890	74.5
N. La. and Ark.	172	155	156	286	54.5
New Mexico	75	65	67	105	63.8
DISTRICT 3 TOTAL	5,961	5,488	5,616	7,773	72.3
DISTRICT 4 TOTAL	443	441	443	536	82.6
DISTRICT 5 TOTAL	2,395	2,235	2,283	3,060	74.6
TOTAL U.S.	12,625	11,631	11,869	16,270	73.0
TOTAL U.S.					
Weeks Ended:					
APR. 27, 1984	13,288	12,047	12,461	16,270	76.6
MAY 6, 1983	12,916	11,709	11,955	16,854	70.9
DISTRICTS 1-4					
Weeks Ended:					
MAY 04, 1984	10,230	9,396	9,586	13,210	72.6
APR. 27, 1984	10,825	9,746	10,095	13,210	76.4
MAY 6, 1983	10,666	9,612	9,820	13,771	71.3

API WEEKLY STATISTICAL BULLETIN
Week Ended May 4, 1984

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	316	39	277	4	--	201	71
Appal. No. 1	43	28	15	2	--	27	17
DISTRICT 1 TOTAL	359	67	292	6	--	228	88
Appal. No. 2	39	18	21	2	--	10	2
Ind., Ill., Ky.	1,098	403	695	16	141	332	41
Minn., Wis., Daks.	128	54	74	2	18	56	7
Okla., Kans., Mo.	455	248	207	6	41	186	12
DISTRICT 2 TOTAL	1,720	723	997	26	200	584	62
Inland Texas	251	129	122	20	29	116	32
Texas Gulf Coast	1,606	618	988	22	207	391	235
La. Gulf Coast	1,229	487	742	13	218	387	105
N. La. and Ark.	57	35	22	2	--	45	2
New Mexico	38	19	19	7	3	18	1
DISTRICT 3 TOTAL	3,181	1,288	1,893	64	457	957	375
DISTRICT 4 TOTAL	233	128	105	12	20	117	9
DISTRICT 5 TOTAL	1,069	465	604	55	242	393	266
TOTAL U.S.	6,562	2,671	3,891	163	919	2,279	800
TOTAL U.S. Weeks Ended:							
APR. 27, 1984	6,905	2,842	4,063	193	907	2,413	861
MAY 6, 1983	6,305	2,718	3,587	232	774	2,340	1,126
DISTRICTS 1-4 Weeks Ended:							
MAY 04, 1984	5,493	2,206	3,287	108	677	1,886	534
APR. 27, 1984	5,801	2,391	3,410	134	652	2,011	554
MAY 6, 1983	5,341	2,318	3,023	168	555	2,033	721

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.
[2]Includes Grade No. 4 fuel oil.

NA-Not Available

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	6,142	2,670	3,471	1	72	523	3,176*	1,862	--
Central Atlantic	32,955	14,708	13,817	4,430	131	3,941	17,518*	15,010	13,254
Lower Atlantic	29,095	13,340	15,419	336	291	4,103	11,118	3,698	444
DISTRICT 1 TOTAL	68,192	30,718	32,707	4,767	494	8,567	31,812	20,570	13,698
DISTRICT 2 TOTAL	70,757*	30,893*	31,965	7,899	1,581	7,910*	30,115*	3,834	19,257
DISTRICT 3 TOTAL	73,873	25,853	29,070	18,950	2,151	10,883	23,276	12,113	52,109
DISTRICT 4 TOTAL	8,718	4,298	2,089	2,331	296	869	3,238	418	2,835
DISTRICT 5 TOTAL	28,541	9,787	11,043	7,711	1,827	5,938	11,329	8,933	26,462
TOTAL U.S.	250,081	101,549	106,874	41,658	6,349	34,167	99,770	45,868	114,361
TOTAL U.S.									
Weeks Ended:									
APR. 27, 1984	250,203*	101,190*	107,153	41,860	6,437	34,051*	101,244*	45,438	116,781
MAY 6, 1983	227,469	91,783	94,973	40,713	7,093	35,957	106,906	45,637	112,490
DISTRICTS 1-4									
Weeks Ended:									
MAY 04, 1984	221,540	91,762	95,831	33,947	4,522	28,229	88,441	36,935	87,899
APR. 27, 1984	222,583*	91,624*	95,954	35,005	4,838	27,668*	90,259*	36,432	89,455
MAY 6, 1983	201,370	82,887	84,631	33,852	5,427	29,795	97,436	36,141	87,330

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

*See Revisions on Page 7.

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended May 4, 1984

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Latest Dept. of Energy Dec. 1983	Crude Oil Imports[1] Total	From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
MAY 04, 1984	5,824.8	5,571.0	3,066	273	267,852
APR. 27, 1984	5,824.8	--	3,347	331	262,673*
APR. 20, 1984	5,824.8	--	3,347	350	263,718
APR. 13, 1984	5,824.8	--	3,334	334	266,295
DISTRICT 5 TOTAL					
MAY 04, 1984	2,890.4	2,823.0	193	72	79,981 ‡
APR. 27, 1984	2,890.4	--	251	48	78,552
APR. 20, 1984	2,890.4	--	249	32	81,864
APR. 13, 1984	2,890.4	--	190	22	80,517
TOTAL U.S.					
MAY 04, 1984	8,715.2	8,394.0	3,259	345	347,833 ‡
APR. 27, 1984	8,715.2	--	3,598	379	341,225*
APR. 20, 1984	8,715.2	--	3,596	382	345,582
APR. 13, 1984	8,715.2	--	3,524	356	346,812
MAY 6, 1983	8,717.0	/A --	2,921	236	357,846

‡INCLUDES 27,458 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

/A DOE actual for April 1983

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1–4	District 5	Total U.S.
Weeks Ended:							
MAY 04, 1984	16,576	77,483	159,514	14,279	267,852	79,981 ‡	347,333 ‡
APR. 27, 1984	15,681	76,503	155,952*	14,537	262,673*	78,552	341,225*
MAY 6, 1983	17,279	79,626	160,491	14,994	272,390	85,456	357,346

[1]See definitional notes, Page 6.

*See revisions on page 7

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	--	--	--	--	--	--	--	2	--	--	2
Central Atlantic	203	97	106	--	41	207	421	24	33	64	993
Lower Atlantic	--	--	--	--	--	--	92	--	--	37	129
DISTRICT 1 TOTAL											
MAY 04, 1984	203	97	106	--	41	207	513	26	33	101	1,124
APR. 27, 1984	334	220	114	--	53	161	613	34	87	130	1,412
APR. 20, 1984	106	63	43	13	5	145	376	11	70	69	795
APR. 13, 1984	250	120	130	--	25	119	381	6	113	77	971
DISTRICTS 2–4 TOTAL											
MAY 04, 1984	9	9	--	--	--	16	50	152	120	33	380
APR. 27, 1984	10	8	2	64	--	11	39	190	56	197	567
APR. 20, 1984	8	8	--	--	--	5	67	151	167	29	427
APR. 13, 1984	12	12	--	33	--	26	103	113	98	28	413
DISTRICT 5 TOTAL											
MAY 04, 1984	24	20	4	--	1	2	16	14	64	11	132
APR. 27, 1984	24	8	16	--	--	3	19	10	--	10	66
APR. 20, 1984	45	30	15	--	2	2	18	11	--	10	88
APR. 13, 1984	28	10	18	--	2	4	18	16	--	10	78
TOTAL U.S.	236	126	110	--	42	225	579	192	217	145	1,636
TOTAL U.S. Weeks Ended:											
APR. 27, 1984	368	236	132	64	53	175	671	234	143	337	2,045
APR. 20, 1984	159	101	58	13	7	152	461	173	237	108	1,310
APR. 13, 1984	290	142	148	33	27	149	502	135	211	115	1,462
MAY 6, 1983	251	188	63	--	15	95	688	195	245	174	1,663

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

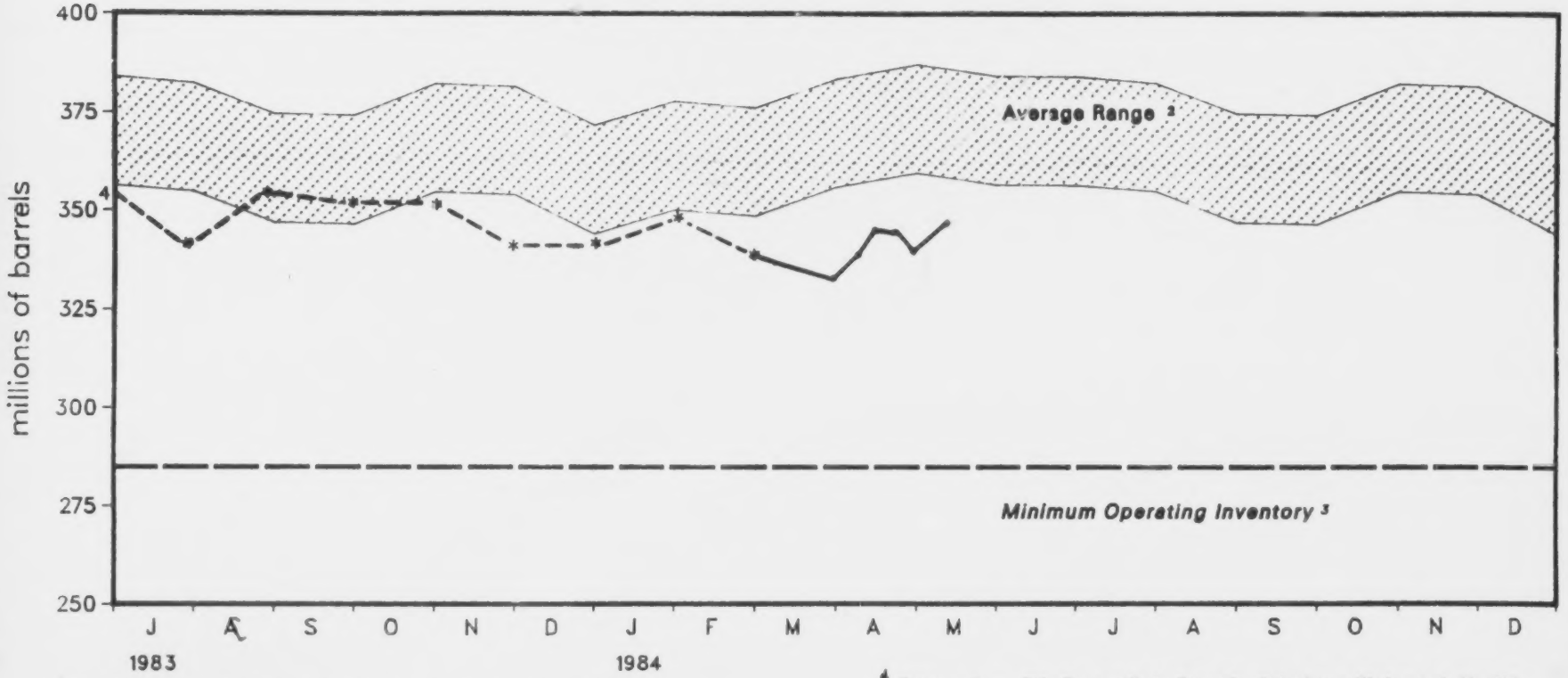
API STATISTICAL BULLETIN
WEEK ENDED: MAY 04, 1984

REVISIONS

04/27/84	PAGE 3	TOTAL MGAS	DISTRICT 2 TOTAL	72,140
			TOTAL U.S.	250,203
			DISTRICTS 1-4	222,583
		LEADED MGAS	DISTRICT 2 TOTAL	32,232
			TOTAL U.S.	101,190
			DISTRICTS 1-4	91,624
		KEROSINE JET	DISTRICT 2 TOTAL	7,553
			TOTAL U.S.	34,051
			DISTRICTS 1-4	27,668
		DISTILLATE FUEL	NEW ENGLAND	3,379
			CENTRAL ATLANTIC	17,106
			DISTRICT 2 TOTAL	30,264
			TOTAL U.S.	101,244
			DISTRICTS 1-4	90,259
	PAGE 4 T	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	262,673
			TOTAL U.S.	341,225
	PAGE 4 B	TOTAL	PAD DISTRICT 3	155,952
			TOTAL PAD DISTRICTS 1-4	262,673
			TOTAL U.S.	341,225

May 4, 1984

Crude Oil Stocks at Primary Level [1] [5]



[1] *Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.*

[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1980 – June 1983. The seasonal pattern is based on seven years of monthly data: January 1976 – December 1982.*

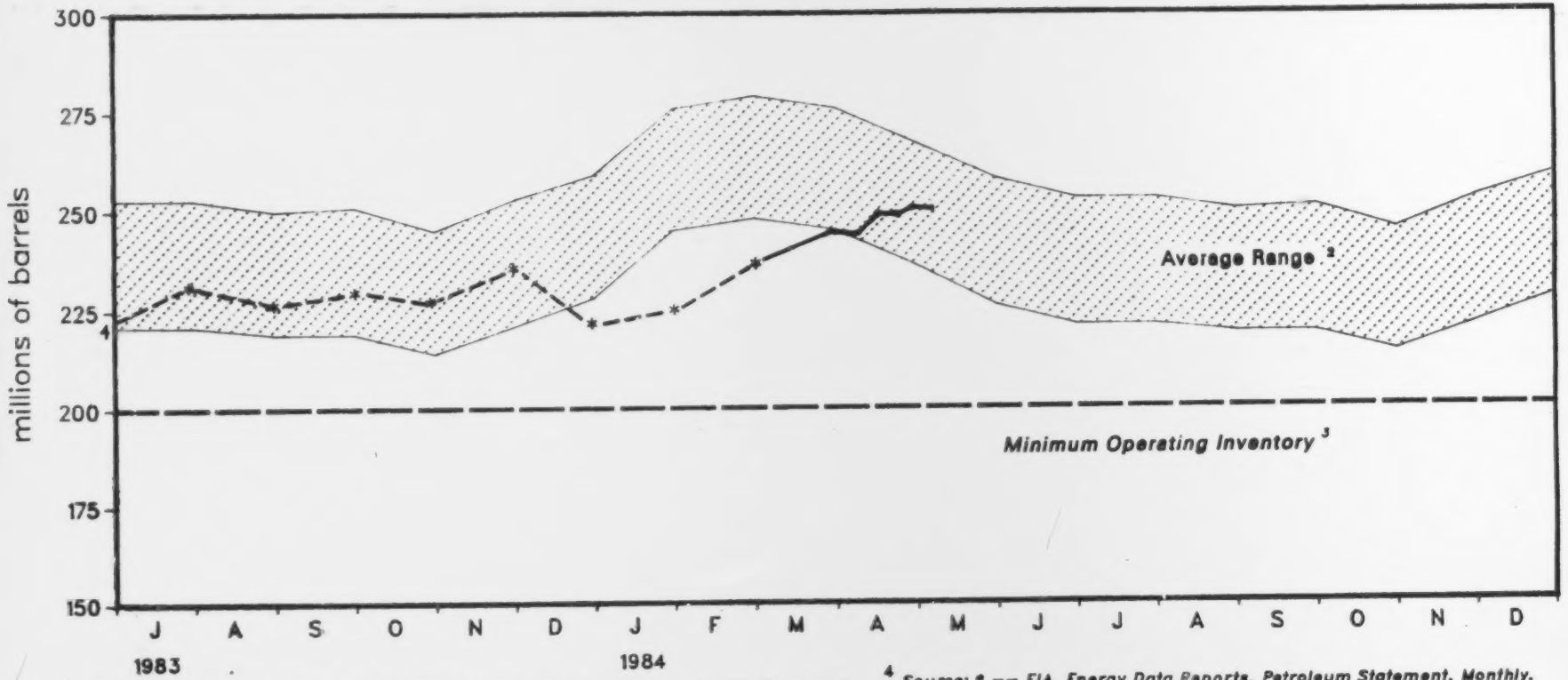
[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for crude oil at 285 million barrels.*

[4] *Source: * -- EIA, Energy Data Reports, Petroleum Statement, Monthly.*
• — API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*

May 4, 1984

Motor Gasoline Stocks at Primary Level [1] [5]



[4] Source: • — EIA, Energy Data Reports, Petroleum Statement, Monthly.
• — API, Weekly Statistical Bulletin.

[1] Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.

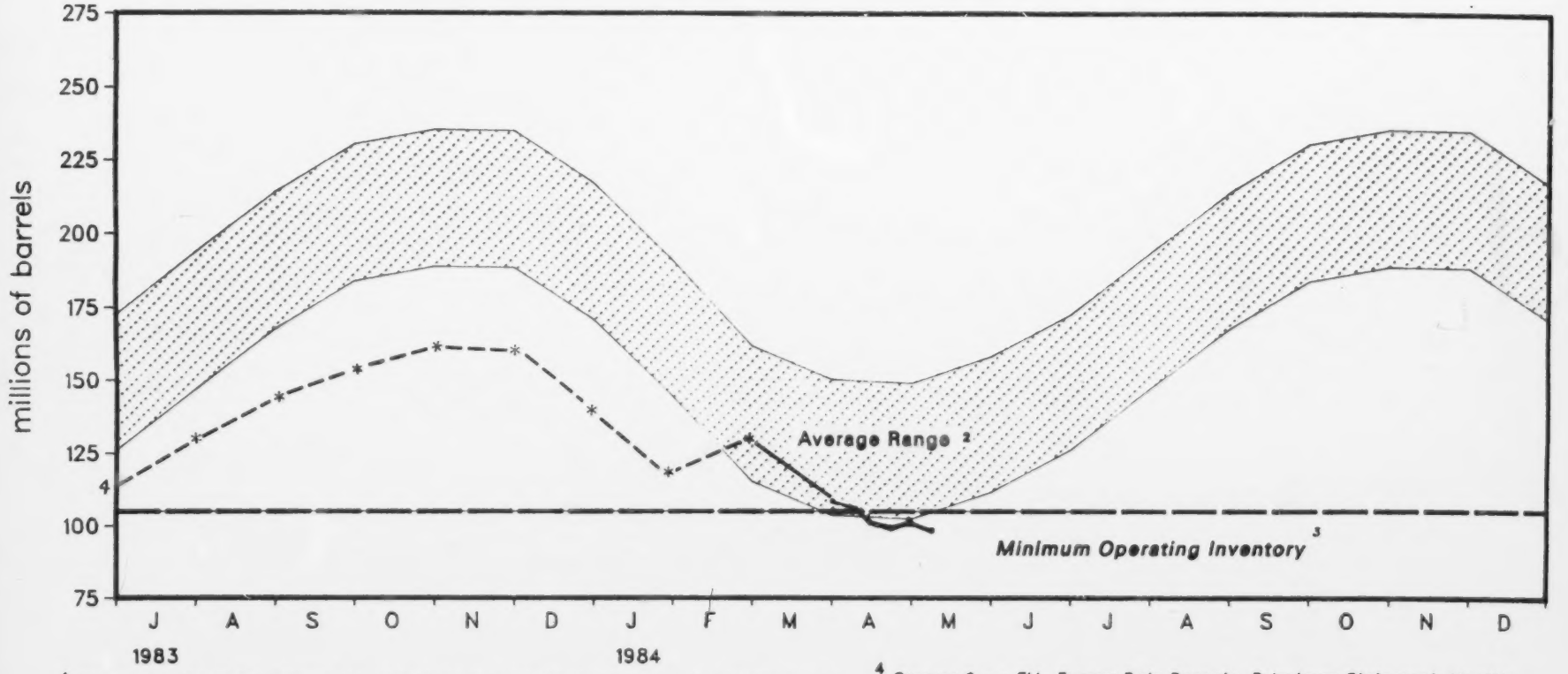
[2] Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1980 – June 1983. The seasonal pattern is based on seven years of monthly data: January 1976 – December 1982.

[3] The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for motor gasoline at 200 million barrels.

[5] The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.

May 4, 1984

Distillate Fuel Oil Stocks at Primary Level [1] [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1980 – June 1983. The seasonal pattern is based on seven years of monthly data: January 1976 – December 1982.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for distillate fuel oil at 105 million barrels.*

[4] *Source: * -- EIA, Energy Data Reports, Petroleum Statement, Monthly.*
** — API, Weekly Statistical Bulletin.*

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*